

AMENDMENTS TO THE CLAIMS

CLAIMS

1. A Device-device for conditioning of objects in plastic material, having a length-(L1), comprising:
 - a rotating turret-(20);
 - a group of conditioning cavities-(22), provided with respective opening for the insertion of said objects, defining the first and second conditioning cavities;
 - a first-(A) side of the turret on which the respective insertion openings of the first cavities are located and
 - a second-(B) side of the turret facing the first side-(A) on which are located the respective insertion openings of the second cavities,
~~characterised by the fact that the first conditioning cavities-(22) are being located~~ in such a way as to be side by side with the second conditioning cavities for at least part of their own length-(L1).
2. A Device-device as claimed in Claim 1, wherein the turret comprises a box-like structure including an external casing and each conditioning cavity-(22) is enclosed in a respective individual casing-(21) contained in turn inside the box-like structure.
3. A Device-device as claimed in Claim 2, wherein the individual casings-(21) are designed to contain a conditioning fluid for the conditioning cavities-(22).
4. A Device-device as claimed in Claim 4, wherein the box-like structure contains at least a conditioning fluid circulation circuit acting operationally on the conditioning cavities.
5. A Device-device as claimed in Claim 4, wherein the first conditioning cavities are adjacent on both sides, following the directions of said lines and said columns, with one of second cavities-(22).
6. A Device-device as claimed in ~~one or more of the previous claims~~,Claim 3 or 5, wherein handling means are provided designed to rotate the turret-(20) at least around the rotational axis-(AR) so as to face each time at least around the rotational axis-(AR), so as to turn each time predetermined reference direction of the said first-(A) or said second side-(B).
7. A Device-device as claimed in Claim 6 wherein the handling means are intended to translate the turret in order to vary the alignment of the conditioning cavities.
8. Moulding equipment for plastic objects, including the a conditioning device as in accordance to

Claim 1.

9. ~~Equipment~~ Moulding equipment according to Claim 8, wherein there is provided handling means designed to tilt said turret so as to turn each time upwards or downwards towards said first-(A) or said second side-(B).
10. ~~A~~ Conditioning method of conditioning a plurality of moulded objects in plastic material, ~~characterised by the fact of including the following operations~~ comprising:
 - arranging said ~~a~~ first side-(A) of the ~~a~~ conditioning device (20) according to one or more claims from 1 to 8 turned upwards;
 - introducing the rotating turret in the middle of the two open halves-(S) of a warm forming mould;
 - transferring at least one group of moulded objects, resulting from a press operation, from said mould in which they have been formed, to said rotating turret so as to refill at least a part of said conditioning cavities of said first side-(A);
 - extracting the rotating turret from the two said open halves of the mould;
 - tilting the rotating turret so that said second side-(B) is turned upwards.
11. ~~A~~ Method method as claimed in Claim 10—, ~~wherein the following operations are foreseen~~ comprising:
 - reducing ~~reintroducing~~ at least a second time the rotating turret-(20) into the middle of the two open halves of said mould;
 - transferring at least a second group of moulded objects, resulting from a successive pressing cycle, from ~~said the~~ mould in which they have been formed, to said rotating turret so as to refill at least a part of the conditioning cavities of said second side-(B) of the turret.